

## IN THE CLAIMS

Please amend the claims to be in the form as follows:

Claim 1 (currently amended): A method of customizing a graphical user interface for a computer controlled system having at least one selectable parameter, comprising the steps of: monitoring the selection of the at least one selectable parameter by a user;  
determining any pattern of selection;  
devising an optimized arrangement of the parameter selection which matches the pattern of selection;  
displaying the optimized arrangement; and  
actuating an input mechanism such ~~providing actuable means arranged so that a~~ first actuation of the input device accepts the displayed optimized arrangement and a second ~~activation~~ actuation of the input device cancels the displayed optimized arrangement.

Claim 2 (original): A method according to Claim 1, in which the parameters are displayed as a menu and the order of the parameters in the menu is varied.

Claim 3 (original): A method according to Claim 1, in which the selectable parameters are channels of a multi-channel television system.

Claim 4 (original): A method according to Claim 1, in which the selectable parameters are processing parameters of an optical, processing system.

Claim 5 (original): A method according to Claim 4, in which the optical system is an x-ray image processing system.

Claim 6 (original): A method according to Claim 4, in which the optical system is an x-ray image recording system.

Claim 7 (currently amended): A computer controlled system having a customizable graphical user interface by which a plurality of parameters can be selected comprising:

display means to display the parameters;  
selection means to select the parameters;  
monitoring means to monitor the selection of parameters and to devise an optimized arrangement of the parameter selection, and  
an input device ~~actuatable means~~ arranged so that a first actuation of the input device accepts the displayed optimized arrangement and a second actuation of the input device cancels the displayed optimized arrangement.

Claim 8 (currently amended): A system according to Claim 7, in which the input device ~~actuatable means~~ is a ~~manual~~ single button control.

Claim 9 (currently amended): A method according to Claim 1, in which the selectable parameters are displayed as a menu in the optimized arrangement and the first actuation of the input device ~~actuatable means arranged~~ accepts the optimized arrangement and the second activation of the input device ~~actuatable means~~ cancels the optimized arrangement.

Claim 10 (previously presented): A method according to Claim 9, wherein the selectable parameters that are displayed on the menu are arranged in accordance with user preferences.

Claim 11 (previously presented): A method according to Claim 9, wherein the selectable parameters that are displayed on the menu are arranged according to recent usage.

Claim 12 (currently amended): A system according to Claim 7, in which the selectable parameters are displayed as a menu in the optimized arrangement and the first actuation of the input device ~~actuatable means arranged~~ accepts the optimized arrangement and the second activation of the input device ~~actuatable means~~ cancels the optimized arrangement.

Claim 13 (previously presented): A system according to Claim 12, wherein the selectable parameters that are displayed on the menu are arranged in accordance with user preferences.

Claim 14 (previously presented): A system according to Claim 12, wherein the selectable

parameters that are displayed on the menu are arranged according to recent usage.

**Claim 15 (new):** A system according to Claim 7, in which the parameters are channels of a multi-channel television system.

**Claim 16 (new):** A system according to Claim 7, in which the parameters are processing parameters of an optical, processing system.

**Claim 17 (new):** A system according to Claim 16, in which the optical system is an x-ray image processing system.

**Claim 18 (new):** A method according to Claim 16, in which the optical system is an x-ray image recording system.

**Claim 19 (new):** A method according to Claim 1, wherein the input device provides a single click mechanism as the first actuation and a double click mechanism for the second actuation.

**Claim 20 (new):** A method according to Claim 1, wherein the input device is a single button.